Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 19 Feb 2023 until 23:59 on Monday 20 Feb 2023

Forecast Issued on Saturday 18 Feb 2023 at 11:59

Confidence: High for mainly cloudy, mild and often windy conditions during the next few days. High for a change to colder conditions during the middle of next week but some uncertainty in the timings of this change.

Headline for Sunday 19 Feb 2023: Bright start then a mainly cloudy day with some fog on the tops. Winds strengthening with gales later.

Mountain weather hazards on Sunday 19 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG				FOG	FOG	FOG	FOG
Fog	Cloudy	Partly cloudy (night)	Cloudy	Fog	Fog	Fog	Fog
Precipitation probability							
20%	10%	10%	30%	10%	10%	10%	40%

Forecast for Sunday 19 Feb 2023

Weather: Patchy rain clearing overnight then clear spells. A chilly and bright start but quickly becoming cloudy with patchy light rain in the morning. A mainly dry and cloudy afternoon but a little brightness at times in the east. Occasional light rain or drizzle arriving during the evening. Becoming windy with gales on the high tops later.

Chance of cloud-free hill tops above 600m: 80% early morning, soon becoming 20% in west, 60% in east.

Low Cloud and visibility: Mostly good at first but areas of low cloud and fog developing, mainly above 500m in the west with patchier cover in the east. Below the cloud, good visibility but briefly down to less than 10km at times in any rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 19 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 W	15/23 NW	11/16 NW	13/19 SW	22/31 SW	25/36 SW	27/38 SW	24/36 SW	26/40 SW
300	13/27 W	11/24 NW	5/14 NW	8/16 SW	13/26 SW	15/31 SW	14/29 SW	15/33 SW	18/37 SW
Valley	12/26 W	10/24 NW	3/9 W	5/12 SW	12/24 SW	12/25 SW	12/25 SW	12/28 SW	16/34 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-1	2/-2	2/-2	4/-1	4/-2	4/-3	4/-1	5/-1
300	6/2	6/2	4/2	4/1	6/3	6/2	6/2	6/2	7/3
Valley	8/4	6/3	5/3	6/4	8/5	8/5	7/4	8/5	8/4
Freezing Level*	1400m	1000m	900m	1200m	1300m	1200m	1300m	1600m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds steadily increasing during the day with gusts of 50 to 60mph from late afternoon onwards above 600m making progress difficult and slow at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 18 Feb 2023	14.4mm	35.2mm	39.8mm

Forecast for Monday 20 Feb 2023

Weather: Cloudy and misty with occasional rain or drizzle, mainly affecting western parts of the Dales. A little brightness possible in the east in the afternoon.

Maximum wind: West or Southwest average 30mph with gusts 50mph at first, but slowly easing to 20-25mph gusts 35mph.

Chance of cloud-free hill tops above 600m: 10%.

Low Cloud and visibility: Extensive cloud and fog above 300 or 400m but occasionally breaking up across eastern hills. Generally hazy below the cloud, occasionally less than 5km in rain or drizzle.

Temperature: **Valleys:** 8C rising to 11C.
At 600m: Plus 6 or 7C.
Freezing level: Above summits.

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